



Next Generation Architecture Readiness



Rensselaer



SMU



USC University of Southern California

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Next Generation Architecture Readiness session speakers:

- Barry Smith (Argonne) – Portable, Extensible Toolkit for Scientific Computation: PETSc
- Ann Almgren (LBL) – Block-Structured AMR: AMReX
- Dan Ibanez (Sandia) – Kokkos C++ Performance Portability Programming
- David Gardner (LLNL) – SUite of Nonlinear and Differential/ALgebraic Equation Solvers: SUNDIALS
- Ruipeng Li (LLNL) – Scalable Linear Solvers and Multigrid Methods: Hyper
- Cameron Smith (RPI) – load balancing for GPU systems and unstructured mesh/particle operations on GPU's